

ABSTRACT

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An improved centrifugal impeller having between 20 and 26 rearwardly curved blades, a ratio of blade annulus width to wheel radius between 0.31 and 0.37, and an inlet blade angle in the range  $32^\circ$  to  $36^\circ$  and a discharge blade angle in the range  $36^\circ$  to  $40^\circ$ .

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